

Application Number 10/788,594

Amendment in response to Office Action mailed March 9, 2006

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Original): A memory card comprising:

a memory card housing;

a host connector housing formed in the memory card housing;

a memory in the memory card housing;

a device connector accessible through the memory card housing, the device connector conforming to a memory card standard and allowing access to the memory by a device compatible with the memory card standard; and

a host connector comprising a shieldless tab extendable from the host connector housing, the host connector conforming to a host connection standard and allowing access to the memory upon insertion of the shieldless tab extended from the host connector housing into a host computer interface compatible with the host connection standard.

Claim 2 (Original): The memory card of claim 1, wherein the host connector conforms to one of a Universal Serial Bus (USB) standard and a Universal Serial Bus 2 (USB2) standard, and wherein the shieldless tab comprises a USB compatible tab without an electrical shield.

Claim 3 (Original): The memory card of claim 1, wherein the device connector conforms to a memory card standard selected from a group consisting of: a CompactFlash standard, a Smart Media standard, a MultiMedia Card standard, a Secure Digital standard, a Memory Stick standard, and an xD standard.

Claim 4 (Original): The memory card of claim 1, wherein the host connector comprises first electrical contacts disposed on the shieldless tab and coupled to second electrical contacts disposed within the host connector housing regardless of whether the shieldless tab is extended from the host connector housing or retracted into the host connector housing.

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Claim 5 (Original): The memory card of claim 1, wherein the host connector slides within the host connector housing to extend the shieldless tab from the host connector housing for insertion of the shieldless tab into a host computer interface and to retract the shieldless tab into the host connector housing such that the memory card can be inserted into a device compatible with the memory card standard.

Claim 6 (Original): The memory card of claim 5, wherein the host connector housing provides access to a textured region disposed on the shieldless tab, the textured region providing traction such that pushing on the textured region causes the host connector to slide within the host connector housing.

Claim 7 (Original): The memory card of claim 1, wherein the device connector is disposed on a first side of the memory card housing and the host connector is disposed on a second side of the memory card housing adjacent to the first side.

Claim 8 (Original): The memory card of claim 1, wherein the host connector comprises a locking element that engages with a locking slot formed in the host connector housing to lock the shieldless tab in an extend position.

Claim 9 (Original): The memory card of claim 8, wherein the locking slot is a first locking slot and wherein the locking element engages with a second locking slot formed in the host connector housing to lock the shieldless tab in a retracted position.

Claim 10 (Original): The memory card of claim 8, wherein the locking element prevents the host connector from completely disengaging from the host connector housing.

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Claim 11 (Original): The memory card of claim 8, further comprising spring loaded electrical contacts disposed within the host connector housing that provide a mechanical bias to the host connector such that the host connector is depressed against the electrical contacts and slid within the host connector housing to extend the shieldless tab from the host connector housing and retract the shieldless tab into the host connector housing and the locking element is biased against the host connector housing to ensure engagement with the locking slot when the shieldless tab is extended.

Claim 12 (Original): The memory card of claim 1, further comprising spring loaded electrical contacts disposed within the host connector housing that provide a mechanical bias to the host connector such that the host connector is depressed against the mechanical bias and slid within the host connector housing to extend the shieldless tab from the host connector housing and retract the shieldless tab into the host connector housing.

Claim 13 (Original): A memory card comprising:

a memory card housing having dimensions which substantially conform to a form factor of a memory card standard including a height of approximately 36 mm and a width of approximately 42 mm;

a host connector housing formed in the memory card housing;

a memory in the memory card housing;

a device connector accessible through the memory card housing, the device connector conforming to the memory card standard and allowing access to the memory by a device compatible with the memory card standard; and

a host connector comprising a shieldless tab extendable from the host connector housing, the host connector conforming to a host connection standard and allowing access to the memory upon insertion of the shieldless tab extended from the host connector housing into a host computer interface compatible with the host connection standard.

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Claim 14 (Original): The memory card of claim 13, wherein the device connector conforms to a CompactFlash type I memory card standard and wherein the memory card housing conforms to the CompactFlash type I memory card form factor including a thickness of approximately 3.3 mm.

Claim 15 (Original): The memory card of claim 13, wherein the device connector conforms to a CompactFlash type II memory card standard and wherein the memory card housing conforms to the CompactFlash type II memory card form factor including a thickness of approximately 5 mm.

Claim 16 (Original): The memory card of claim 13, wherein the memory card standard form factor includes a thickness, which is less than a thickness of the shieldless tab including an electrical shield.

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Claim 17 (Currently amended): A memory card comprising:

a memory card housing;

a host connector housing formed in the memory card housing;

a memory in the memory card housing;

a device connector accessible through a first side of the memory card housing, the device connector conforming to a memory card standard and allowing access to the memory by a device compatible with the memory card standard;

a host connector disposed on a second side of the memory card housing adjacent the first side and comprising a shieldless tab extendable from the host connector housing, first electrical contacts disposed on the shieldless tab, and a locking element, the host connector conforming to a host connection standard and allowing access to the memory upon insertion of the shieldless tab extended from the host connector housing into a host computer interface compatible with the host connection standard;

second electrical contacts disposed within the host connector housing and coupled to the first electrical contacts disposed on the shieldless tab regardless of whether the shieldless tab is extended from the host connector housing or retracted into the host connector housing, wherein the second electrical contacts are spring loaded to provide a mechanical bias to the host connector such that the host connector is depressed against the second electrical contacts in order to slide the host connector within the host connector housing to extend the shieldless tab from the host connector housing and retract the shieldless tab into the host connector housing; and

a locking slot formed in the host connector housing, wherein the second electrical contacts bias the locking element of the host connector against the host connector housing such that the locking element engages with the locking slot when the shieldless tab is extended from the host connector housing to lock the shieldless tab in an extended position.

Claim 18 (Original): The memory card of claim 17, wherein the locking slot is a first locking slot, the memory card further comprising a second locking slot formed in the host connector housing, wherein the locking element engages with the second locking slot when the shieldless tab is retracted into the host connector housing to lock the shieldless tab in a retracted position.

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Claim 19 (Original): The memory card of claim 17, wherein the host connector conforms to one of a Universal Serial Bus (USB) standard and a Universal Serial Bus 2 (USB2) standard, and wherein the shieldless tab comprises a USB compatible tab without an electrical shield.

Claim 20 (Original): The memory card of claim 17, wherein the device connector conforms to a memory card standard selected from a group consisting of: a CompactFlash standard, a Smart Media standard, a MultiMedia Card standard, a Secure Digital standard, a Memory Stick standard, and an xD standard.